

Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

EDITORIAL COMMITTEE: S. NEWCOMB, Mathematics; R. S. WOODWARD, Mechanics; E. C. PICKERING Astronomy; T. C. MENDENHALL, Physics; R. H. THURSTON, Engineering; IRA REMSEN, Chemistry; CHARLES D. WALCOTT, Geology; W. M. DAVIS, Physiography; HENRY F. OSBORN, Paleontology; W. K. BROOKS, C. HART MERRIAM, Zoology; S. H. SCUDDER, Entomology; C. E. BESSEY, N. L. BRITTON, Botany; C. S. MINOT, Embryology, Histology; H. P. BOWDITCH, Physiology; J. S. BILLINGS, Hygiene; WILLIAM H. WEICH, Pathology; J. McKeen Cattell, Psychology; J. W. Powell, Anthropology.

FRIDAY, DECEMBER 20, 1901.

CONTENTS:

The Naval Observatory Report	945
Report of the Superintendent of the U.S. Naval Ob-	
servatory	
Annual Report of the Secretary of Agriculture	
Membership in the Association	965
Scientific Books:— Eddyman's Practical X-Ray Work: Professor Arthur W. Goodspeed. Hann's Meteorologie: Professor R. Dec. Ward. Chester's Manual of Determinative Bacteriology: Professor H. W. Conn. Kobert's Wirbelthierblut in Mikrokristallographischer Hinsicht: Professor Lafayette B. Mendel	
Scientific Journals and Articles	969
Societies and Academies:— Calendar; Winter Meeting of Section H, Anthropology, of the American Association for the Advancement of Science. Section of Anthropology and Psychology of the New York Academy of Sciences: Dr. R. S. WOODWORTH. The Torrey Botanical Club: Professor Edward S. Burgess. The Science Club of the University of Wisconsin: C. K. Leith	970
Discussion and Correspondence:— The Mathematical Theory of the Top, Simplified: PROFESSOR CARL BARUS, PROFESSOR A. G. GREENHILL.	973
Current Notes on Physiography:— New Ordnance Map of England; Hydrography of the Paris Basin; Hercegovina: Professor W. M. DAVIS	975
Notes on Entomology: NATHAN BANKS	
The Geological Society of America	
The American Society of Naturalists	980
Scientific Notes and News	980
University and Educational News	984

MSS. intended for publication and books, etc., intended for review should be sent to the responsible editor, Professor J. McKeen Cattell, Garrison-on-Hudson, N. Y.

THE NAVAL OBSERVATORY REPORT.

No excuse is necessary for devoting the space we do to this important paper in our present number. We include with it only such portions of the reports of departments as seem to be of general interest. Among these is the very business-like report of the National Almanac Office.

Readers who have followed the discussions of the organization of the observatory which have appeared in our columns during the past year will be interested in this branch of the subject. We trust they will bear with us if we describe the spirit in which we have endeavored to carry on the discussion. We have taken as a fundamental principle that our remarks should be based on official publications and that no heed should be given either to gossip about the interior affairs of the observatory, which circulates so freely, or to supposed leaks through unofficial channels.

The case as thus presented has seemed to us too serious to admit of our indulging in carping, fault-finding or minor criticisms, even had we been disposed to do so. As presented in the report of the board of visitors for 1900 it took the following form: Our government has for more than half